

6/24/04
VJKSheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 111754		APPLICATION NO. 10/048,055	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS Shoichi AKAIWA et al.					
		FILING DATE January 25, 2002					
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME		CLASS	SUB CLASS
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUB CLASS
VJK		JP A 63-242055	10/07/1988	Japan			
VJK		JP A 6-4238	01/14/1994	Japan			
VJK		JP A 6-35807	02/10/1994	Japan			
VJK		JP A 10-289106	10/27/1998	Japan			
VJK		JP A 2000-76028	03/14/2000	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER	Vincent E. Kovalick				DATE CONSIDERED 6/13/07		
Examiner:	Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

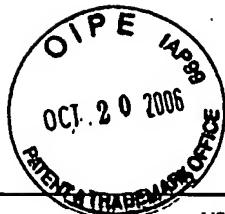
Date: April 11, 2002

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INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Shoichi AKAIWA et al.		
				FILING DATE January 25, 2002	GROUP 2611	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
JK	1	6,023,506	02/08/2000	OTE et al.		
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
JK	2	EP 0 907 120 A2	04/07/1999	EUROPE		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
EXAMINER <i>Vincent E. Lovall, III</i>				DATE CONSIDERED <i>6/13/07</i>		
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Date: September 7, 2005



Sheet 1 of 1

Form PTO-1449 (REV. 1/06)			US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 111754		APPLICATION NO. 10/048,055	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			APPLICANT(S) Shoichi AKAIWA et al.					
			FILING DATE January 25, 2002		GROUP 2611			
U.S. PATENT DOCUMENTS								
Examiner Initials	Cite No.	Document Number	Date	Name				
FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation		
JK	1	JP A 03-269756	12/02/1991	JAPAN	X	X		
JK	2	EP 0 858 021 A2	08/12/1998	EUROPE				
JK	3	EP 0 665 486 A2	08/02/1995	EUROPE				
OTHER DOCUMENTS								
Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)						
EXAMINER <i>Vincent E Kovalick</i>		DATE CONSIDERED <i>6/13/07</i>						
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Form PTO-1449 (REV. 1/06) US Dept. of Commerce PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			ATTY DOCKET NO. 111754		APPLICATION NO. 10/048,055	
			APPLICANT(S) Shoichi AKAIWA et al.			
			FILING DATE January 25, 2002		GROUP 2629	
U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	Document Number	Date	Name		
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation
W	1	JP-A 10-290372	10-27-1998	Japan	X	X
W	2	JP-A 10-105470	04-24-1998	Japan	X	X
W	3	JP-A 06-253158	09-09-1994	Japan	X	X
OTHER DOCUMENTS						
Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)				
EXAMINER	Vincent E Kovalick			DATE CONSIDERED 6/13/07		
Examiner:	Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					



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INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT(S) Shoichi AKAIWA et al.				
				FILING DATE January 25, 2002	GROUP 2629	
U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	Document Number	Date	Name		
LLR	1	6,983,415	01-03-2006	Shima		
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation
LLC	2	JP-A 10-222578	08-21-1998	Japan	X	X
LLC	3	JP-A 11-075145	03-16-1999	Japan	X	X
LLC	4	JP-A 11-231259	08-27-1999	Japan	X	X
LLC	5	JP-A 10-326288	12-08-1998	Japan	X	X
OTHER DOCUMENTS						
Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)				
EXAMINER <i>Vincent E. Kovalick</i>		DATE CONSIDERED <i>11/5/07</i>				
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